



WASHINGTON OZAUKEE PUBLIC HEALTH DEPARTMENT

Annual Report

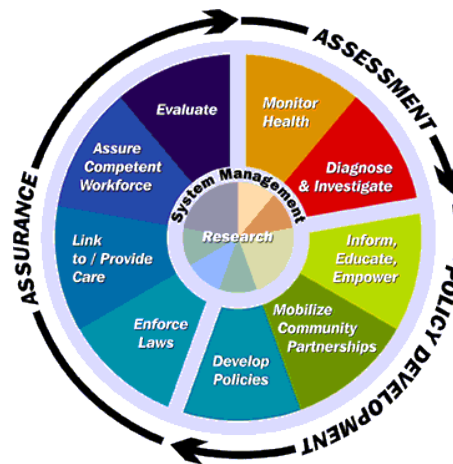
2016

Dear Colleagues, County Board Members, Partners, and Residents,

The Washington Ozaukee Public Health Department's 2016 Annual Report is grounded in the 10 Essential Public Health Services. The 10 Essential Public Health Services guide our daily work and remind us of the responsibilities we, as the public health department, have to our community in protecting and promoting health. We extend deep appreciation to all of our community partners who work diligently with us to sustain and improve the health of Washington and Ozaukee County residents.

Warmly,

Kirsten Johnson, MPH, CPH, CHES
Director/Health Officer



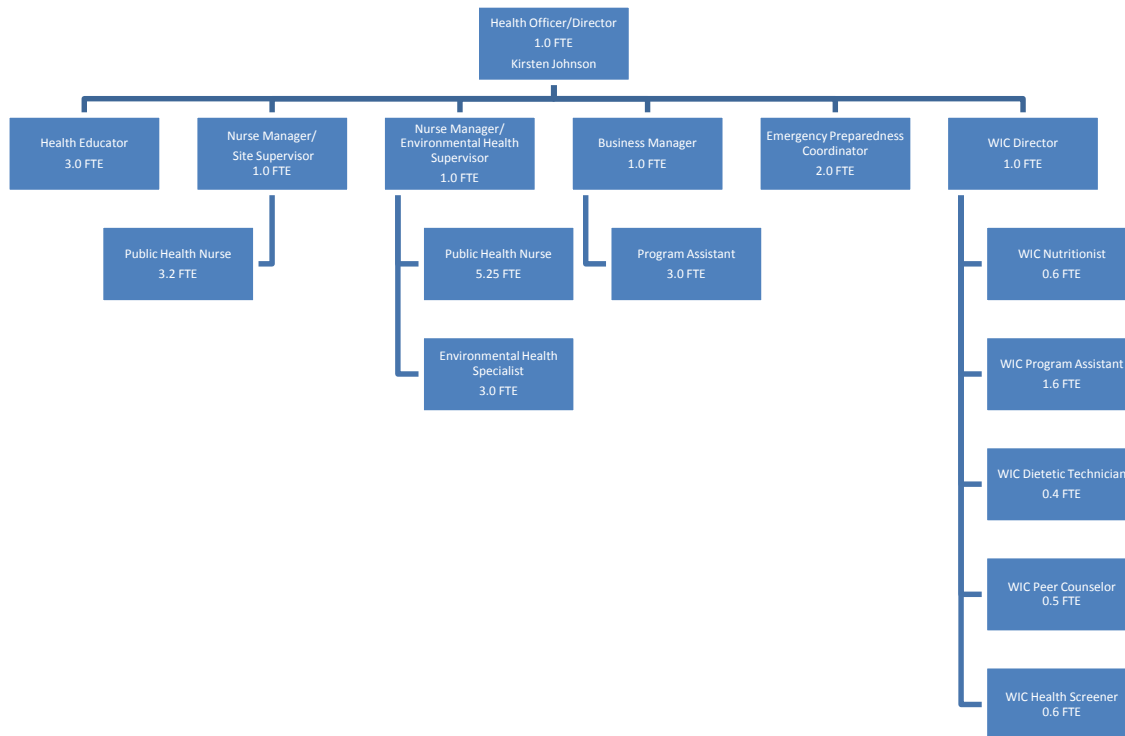
Washington Ozaukee Public Health Department

Annual Report 2016

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Organization Chart



Washington Ozaukee Joint Board of Health

Washington County Representatives

Rick Gundrum, County Board Chair
Gerald Schulz, County Board Member
Thomas Niebler, County Board Member
Doreen Buntrock, Citizen Member
Cynthia Sieloff, Citizen Member

Ozaukee County Representatives

Karl Hertz, County Board Member
Thomas Richart, County Board Member
Cathy Cero-Jaeger, Citizen Member
Beth Anderson, Citizen Member

Dr. Steven Zils, Aurora, Medical Advisor

Ozaukee County Public Health Department

Vision & Mission

Vision: To be innovators in fostering healthy people, places and communities.

Mission: To improve the quality of life by promoting, protecting and enhancing the health and well-being of the public.

Essential Service 1

Monitor Health Status to Identify and Solve Community Health Problems

Introduction: Essential Service 1 activities include assessing the health status of the community through formal and informal needs assessments and data analysis. The Washington Ozaukee Public Health Department collaborates with a broad group of community partners to address our health needs. Community health improvement planning and leading health indicator data guide our health focus areas.

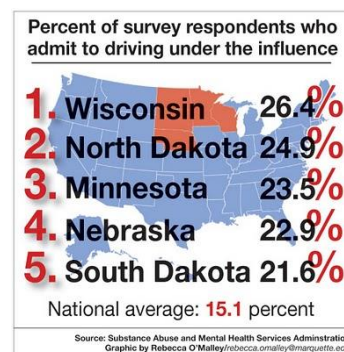
Washington and Ozaukee County Health Status

Annually, the County Health Rankings collect data for every county in the United States and provide a state ranking. In 2016, Ozaukee was ranked the healthiest county in Wisconsin and Washington was ranked the 5th healthiest.

2016 Outcomes

- Despite the high rankings, health data of concern are the percentage of adults who smoke, are obese, drink excessively (defined as adults who report binge or heavy drinking in the past 30 days) and the number of self-reported poor mental health days.

Health Indicator	Washington	Ozaukee	Wisconsin
Adult Smokers	14%	14%	17%
Obese Adults	29%	27%	30%
Excessive Drinking	26%	25%	24%
Poor Mental Health Days/Month	3.1	3.0	3.5



Essential Service 2

Diagnose and Investigate Health Problems and Hazards in the Community

Introduction: Essential service 2 includes provision of epidemiological identification of emerging health threats, investigation of infectious disease and human health hazards and prevention of disease through immunizations.

Communicable Disease Control

Surveillance, investigation and follow-up of reportable diseases are statutory responsibilities of local health departments. Follow up is conducted to assure measures are taken to prevent potential disease transmission.

2016 Outcomes

- Public Health Nurses conducted **761** follow-up investigations on reportable communicable diseases in Washington County and **501** in Ozaukee County
- 166 TB Skin Tests were administered in Washington County and 117 in Ozaukee County

Emergency Preparedness

The Washington Ozaukee Public Health Department strives to ensure we are able to respond effectively to public health emergencies, lessen the negative impact of the emergency and save lives.

A public health emergency may be the result of a bioterrorist act, naturally occurring disease, accident, hazmat incident, weather conditions, long term power outage, contaminated food or water and pandemic influenza. This work strengthens our capacity to respond and be prepared.

2016 Outcomes

- Maintained and updated the Public Health Emergency Plan (PHEP) based on improved capabilities, resources and lessons learned. This document is a working guide and tool for all public health responses during emergencies.
- Fostered and maintained numerous partnerships with: law enforcement, fire departments, EMS, public and private schools, churches, hospitals, non-profits, government agencies, funeral homes, municipalities, Chambers of Commerce and senior centers, and others.
- Participated in trainings to enhance preparedness and response.
Trainings included:
 - Trauma Informed Care and Psychological First Aid

Sample of Diseases	WC	OC
Arboviral	5	9
Campylobacter	32	22
Cryptosporidium	1	9
E.Coli	5	8
Food/Water Outbreak	8	10
Giardia	6	2
Hep A	1	0
Hep B	5	5
Hep C	37	22
Lyme Disease	26	14
Mumps	0	4
Salmonella	14	16
STDs:		
Chlamydia	257	122
Gonorrhea	27	18
Syphilis	3	0
TB Active	0	0
TB Inactive	0	0
Latent TB	6	8
Varicella	7	1

- Emerging Infectious Diseases and Public Health Response
- Respirator Protection – N95 and PAPRs
- Wisconsin Immunization Registry training specific to tracking medical countermeasures (pills or vaccines) during a large public health emergency
- Medical Countermeasure Dispensing and the Strategic National Stockpile
- Volunteer Reception Center Training
- Incident Management Platforms and Incident Command System (ICS)
- Exercise and Design Team Member
 - Local Response to Highly Infectious Disease Outbreak Tabletop Exercise
 - Regional Response to Ebola Tabletop Exercise
 - Regional Bacillus Anthracis Threat Full Scale Exercise
- Emergency Preparedness Coordinators from Washington and Ozaukee worked with many partners and participated in local regional and state meetings. They included:
 - South East Regional Health Care Coalition
 - Quad County Emergency Preparedness Coordinators
 - INVEST and Well Washington County
 - Health Care Partners
 - At-Risk Population Emergency Preparedness Planning
 - Local Emergency Planning Committee
 - Ozaukee Fire Association
 - CARE Committee – School districts and non-profit agencies
 - Ozaukee County Salvation Army Board
 - Statewide PHEP (Public Health Emergency Plan) Revision Workgroup
- Developed a Hazard Vulnerability Analysis document with partners
- Initiate quarterly test on all redundant communication systems: HAM radios, 800MHz radios, walkie-talkies, GETS (Government Emergency Telecommunications Service), emails, social media, land lines and cell phones. Tests update contact information.
- Bi-annual alert and notification of all Ozaukee County employees. Initiated by County Dispatch through Alert Sense.
- Sponsored county-wide emergency preparedness days, assisting families in developing emergency plans and emergency go-kits.

Environmental Health Information and Consultation Services

The Washington Ozaukee Public Health Department investigates complaints related to environmental health as well as provides environmental health resources to residents. Environmental Health Specialists provide consultation on private well testing, and advise on a host of issues, including air quality concerns, mold, radon, animal and insect complaints, lead and asbestos hazards and other environmental health issues. The goal of this program is to protect the health of residents from environmental related illness and disease.

2016 Outcomes

- Environmental health consultation was provided to over 700 residents in Washington and Ozaukee Counties

Immunization Program

WOPHD aims to reduce or eliminate illnesses of vaccine preventable diseases through administration of vaccines. In 2016, **over 900** vaccines to prevent infectious diseases were given to Washington and Ozaukee County residents. In addition, staff work closely with Washington and Ozaukee County school districts to assure school age children are in compliance with the Wisconsin State Immunization Law.

2016 Outcomes

<i>Ozaukee County School Districts</i>	<i>Percent of students compliant with WI law</i>
<i>Cedarburg</i>	98.82
<i>Grafton</i>	99.46
<i>Mequon/Thiensville</i>	99.06
<i>Northern Ozaukee</i>	93.82
<i>Port Washington/Saukville</i>	99.70

<i>Washington County School Districts</i>	<i>Percent of students compliant with WI law</i>
<i>Friess Lake</i>	100
<i>Germantown</i>	99.29
<i>Hartford J1</i>	99.77
<i>Hartford UHS</i>	100
<i>Kewaskum</i>	99.46
<i>Richfield J1</i>	100
<i>Slinger</i>	100
<i>West Bend</i>	97.86

Seasonal Influenza

WOPHD conducts numerous community-based flu clinics to ensure our residents are protected from seasonal influenza. Influenza (flu) is a contagious respiratory disease that can lead to serious complications, hospitalization, or even death. Anyone can get the flu, and vaccinating against the flu is the single best way to prevent illness. The CDC recommends everyone 6 months of age and older is vaccinated against the flu every year.

2016 Outcomes

- WOPHD staff vaccinated **over 900** residents against influenza

Lead Poisoning Prevention

Children participating in the Washington Ozaukee Public Health Department WIC program receive blood lead screenings at age 1 and again at age 2 years or older. Lead test results from private medical providers are also recorded in the child's WIC record to assure appropriate follow up and testing is completed. This program provides education on prevention of lead exposure as well as home inspections and case management services to families of children whose confirmed lead levels are 5 mcg/dl or higher. In addition, OCHPD provides lead hazard control and abatement on homes where children may be at high risk of lead poisoning.

2016 Outcomes

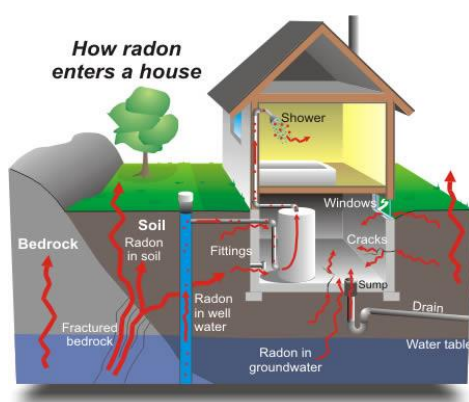
- 771 children in Washington County were tested for lead poisoning
- 895 children in Ozaukee County were tested for lead poisoning
- WOCPHD WIC screened 328 of those children
- Of the 1,666 total children tested, 48 children had elevated lead levels over 5 mcg/dl

Radon Testing

Washington and Ozaukee County Public Health Department receives a grant as the designated Radon Information Center for both counties. The dollars received from the Wisconsin Division of Public Health allow health department staff to distribute free radon kits and provide radon education to county residents.

2016 Outcomes

- Radon kits were distributed to 833 Washington and Ozaukee County residents



Essential Service 3

Inform, Educate and Empower People about Health Issues

Introduction: Essential Service 3 includes social marketing, targeted media public communication, providing accessible health information, and resources to reinforce health promotion messages and programs.

Car Seat Education and Installation

Proper car seat installation is imperative to keeping Washington and Ozaukee County children safe while traveling in motor vehicles. WOPHD teaches families how to safely transport their children using car seats, booster seats and seat belts correctly. Child safety seats that are used correctly reduce the risk of death by as much as 71%. WOPHD provides monthly car seat clinics to the community, offering car seat checks, education, and seats to families who are unable to obtain them otherwise.

2016 Outcomes

- 238 child safety seats were evaluated for proper installation (114 Washington, 124 Ozaukee)
- 139 new safety seats were provided to low income families (41 Washington, 98 Ozaukee)

General Health Education

WOPHD provides educational sessions to local school districts, community groups and also to clients receiving public health services at the health department. Topics include prenatal care, nutrition and physical activity, general health and wellness, alcohol and drug prevention, growth and development, and infectious disease prevention.

2016 Outcomes

- 688 mothers or families were referred for prenatal counseling, safety equipment or breastfeeding assistance.
- Four daycares (Washington County) and one business (Ozaukee County) were deemed Breastfeeding Friendly
- 14 community based education events

Essential Service 4

Mobilize Community Partnerships and Action to Identify and Solve Health Problems

Introduction: Essential Service 4 involves convening and facilitating community groups in undertaking defined preventive and population focused activities in order to pool expertise and leverage all potential resources to solve community health problems.

Healthy People Ozaukee County, INVEST

INVEST, Ozaukee County's health coalition was formed in 2010. It is a community-wide initiative working to sustain and improve the health of Ozaukee County residents through obesity reduction, improved mental health, the prevention of youth alcohol and tobacco use, and the elimination of illegal drug and heroin use.

Well Washington County

The Washington Ozaukee Public Health Department, in collaboration with numerous community partners, formed the Well Washington County coalition in February 2016. Well Washington County was developed to identify Washington County resident's health priorities and work towards improving health outcomes through community based action teams and a leadership council. Four action teams were identified: Choose Well, alcohol and other drugs; Eat & Move Well, nutrition and physical activity; Think Well, mental health; Work Well, workplace wellness.

Washington County Heroin Task Force & Ozaukee County Heroin Task Force

Heroin Task Forces were formed in response to opiate and heroin use in both counties. The long term goal of both task forces is to maintain the highest quality of life through the elimination of opioid abuse; achieved by community partnerships focused on prevention, policy, education, enforcement and treatment.

Both Heroin Task Forces consists of community participation and partnerships with many agencies across the county including law enforcement, schools, elected officials, businesses, county departments, and volunteers. The Ozaukee County Heroin Task Force is led by the Washington Ozaukee Public Health Department. The Washington County Heroin Task Force is led by Elevate, a community partner.

Ozaukee 2016 Outcomes:

- Two community wide events with over 80 attendees; 13 Task Force meetings
- Two medication collection events, coordinated with the Department of Justice; 1,354 pounds of medication collected
- Seven permanent medication collection sites; 1,123 pounds of medication collected
- Revision of the Ozaukee County Heroin Toolkit
- Coordination of Ozaukee Criminal Justice Coordinating Council

- Increased jail treatment options
- First responders trained to utilize Narcan (Naloxone)
- State HOPE Legislation passed

Washington 2016 Outcomes:

- Over 20 community events including school presentations, parades and assemblies
- Development of “Hidden in Plain Sight” bedroom and lecture series; 383 bedroom tours and 450 lecture attendees
- Two medication collection events

Child Death Review Team

The Child Death Review Team in Ozaukee County met twice in 2016. As a merged department, work in 2016 focused on adding a Child Death Review (CDR) Team in Washington County. CDR Teams are important because the circumstances involved in most child deaths are multidimensional with many factors, and responsibility should not rest in one place. CDR Teams review child deaths that occur in the county and identify how the death could have been prevented. Based on the CDR team discussion, community interventions and partnerships are developed to work towards preventive programs or policies.

2016 Outcomes

- 31 organizational participants
- Two meetings in Ozaukee County in 2016
- Expansion of CDR Team to Washington County
- Discussion to add Fetal Infant Mortality Team to be shared between the two counties.

Essential Service 5

Develop Policies and Plans that Support Individual and Community Health Efforts

Introduction: Essential Service 5 involves providing leadership for systemic community and state level planning for health improvement, development and tracking of measureable health objectives as part of a continuous quality improvement strategy and development of codes, regulations and legislation to guide the practice of public health.

Healthiest Wisconsin 2020

Healthiest Wisconsin 2020 is a document outlining the focus areas that need to be addressed by public health system partners and Wisconsin communities over the next decade. Teams of experts for each focus area were charged to identify the key objectives for the decade. The 23 teams were dubbed “Focus Area Strategic Teams.” Each team identified two objectives that reflected the most important policy change, system alignment or program action to be achieved in the next decade. Healthiest Wisconsin 2020 complements the national plan, Healthy People 2020.

2016 Outcomes

- WOPHD staff consult Healthiest Wisconsin 2020 goals and objectives when designing and implementing interventions



Essential Service 6

Enforce Laws and Regulations that Protect Health and Safety

Introduction: Essential Service 6 involves full protection of drinking and recreational water supplies, enforcement of clean air standards, food safety and licensing and timely follow-up of environmental health concerns.

Beach Monitoring Program

The Washington Ozaukee Public Health Department monitors the public beaches in both counties through a grant from the Wisconsin DNR. Public beach water is monitored from Memorial Day through Labor Day for elevated E. Coli levels and adverse conditions. After monitoring, WOPHD uses E. Coli levels to determine beach advisories and closures, which are posted through signage and online at www.wibeaches.us. WOPHD also uses a Twitter account to post results. @OzaukeeBeach

2016 Outcomes

Ozaukee Beach Site	Closed	Advisory	Open	Total
<i>Upper Lake Park</i>	4	12	46	62
<i>Harrington N/HWY D</i>	3	9	50	62
<i>Harrington S/Cedar Beach</i>	3	10	49	62
<i>Concordia</i>	0	0	25	25

Washington Beach Site	Closed	Advisory	Open	Total
<i>Ackermann's Grove</i>	0	0	14	14
<i>Sandy Knoll</i>	0	0	14	14
<i>Leonard J. Yahr</i>	0	0	14	14

DNR Well Water Program

WOPHD inspects and tests transient wells in Washington, Ozaukee and Milwaukee Counties through a grant from the Wisconsin Department of Natural Resources. The program requires an annual test for bacteria and nitrate for any well that has public access to water for at least 25 individuals per day for at least 60 days of the year.

2016 Outcomes

- 466 establishments completed water testing; 17 had unsafe bacteria levels
 - 219 in Washington, 13 Unsafe
 - 175 in Ozaukee, 2 Unsafe
 - 72 in Milwaukee, 2 Unsafe
- 102 well system inspections were conducted

Food Safety and Recreational Licensing Program

The Washington Ozaukee Public Health Department is an agent for the Wisconsin Department of Agriculture, Trade and Consumer Protection (DATCP) and the Department of Safety and Professional Services (DSPS) in Washington County. WOPHD provides inspections, consultation and licensing services for: Restaurants and Retail Food; Public Swimming Pools and Water Attractions; Hotels, Motels, Tourist Rooming Houses and Bed and Breakfasts; Tattoo and Body Piercing; and Campgrounds and Recreational/Education Campgrounds.

2016 Outcomes

- 658 inspections were completed in 2016
 - 14 Body Art
 - 6 Campgrounds
 - 517 Food Facilities
 - 39 Lodging
 - 78 Pools
 - 4 Recreational Camps

Essential Service 7

Link People to Needed Personal Health Services

Introduction: Essential Service 7 assures effective entry for disadvantaged people to a coordinated system of care, linkage of services for special population groups, and technical assistance for effective worksite health promotion/disease prevention programs.

WIC Referrals

Women and families are referred to additional community resources based on their needs.

2016 Outcomes

- 688 women or families were referred to additional resources

Migrant Health

The Migrant Health program in Ozaukee County addresses health needs of migrant workers and their families. Approximately 120 Latino workers and their families come from southern Texas to work at the Lakeside Foods cannery in Belgium and their produce freezing plant in Random Lake. Most workers live in one of the two “migrant camps” in Belgium during their stay in Wisconsin, working May through November.

2016 Outcomes

- WOPHD provides services and referrals over the course of the summer to camp residents as needed

Oral Health

Early childhood cavities prevention services includes guidance for parents and other caregivers and distribution/provision of fluoride supplements.

2016 Outcomes

- 162 children received fluoride varnish from the Washington Ozaukee Public Health Department

Prenatal Care Coordination

Prenatal Care Coordination (PNCC) Services are available to Medicaid-eligible pregnant women with a high-risk for adverse pregnancy outcomes. High-risk pregnancies require additional prenatal care services, coordination and follow-up because of medical or non-medical factors that include psychosocial, behavioral, environmental and nutritional factors.

2016 Outcomes

- WOPHD provided 55 women with prenatal screening and pregnancy follow-up

Women, Infant, and Children (WIC) Nutrition Program

The purpose of WIC is to promote and maintain the health and well-being of nutritionally at-risk pregnant, breastfeeding and postpartum women, infants and children. WIC provides supplemental nutritious foods, nutrition and breastfeeding information and referral to other health and nutrition services. The Washington County Public Health Department provides services to Ozaukee County.

2016 Outcomes

- 2,277 participants were served by WIC in both counties
- 36,718 WIC vouchers were redeemed to purchase healthy foods
- \$933,365.29 worth of healthy foods was purchased with WIC vouchers
- 33 contracted vendors redeemed participant's vouchers
- \$5,625 worth of vouchers were redeemed at farmer's markets
- 77.5% of WIC mothers initiated breastfeeding post-delivery (WI average is 72%)
- 46.2% of WIC mothers were still breastfeeding at 6 months, and 20.7% at 12 months
- 17.7% of WIC mothers were exclusively breastfeeding at 6 months (WI average is 11%)

Wisconsin Well Woman Program (WWWP)

WWWP provides preventive screening services for breast and cervical cancer to low income, uninsured or underinsured women residing in Wisconsin. Women screened and diagnosed with breast or cervical cancer may be eligible for Wisconsin Well Woman Medical Assistance (WWMA) for treatment.

2016 Outcomes

- Forty-one women participated in WWWP in Washington and Ozaukee Counties

Essential Service 8

Assure a Competent Public Health Workforce

Introduction: Essential Service 8 involves educating and training personnel to meet the needs for public and personal health service; adoption of continuous quality improvement and life-long learning; and active partnership with academic institutions. In order to provide the highest quality public health service, WOPHD strives to ensure that all of our staff possesses the knowledge, skills and abilities to perform their jobs effectively and efficiently.

Linkages with Academia

The Washington Ozaukee Public Health Department has strong linkages with numerous institutions of higher education and serves as a site for student placement, observation, practice experience and internship.

2016 Outcomes

- WOPHD hosted an Area Health Education Center intern who worked on the Beach Monitoring Program for 8 weeks in summer, 2016
- WOPHD is represented on the Medical College of Wisconsin MPH Advisory Board
- WOPHD is represented on the Concordia University School of Nursing Advisory Board
- WOPHD hosted a Master of Public Health Student from the Medical College of Wisconsin for their Capstone Project with a focus on mental health

Essential Service 9

Evaluate Effectiveness, Accessibility and Quality of Personal and Population Based Health Services

Introduction: Essential Service 9 calls for ongoing evaluation of health programs to assess program effectiveness and to provide information necessary for allocating resources and shaping programs.

Health and Family Services (HFS) 140 Review

The Wisconsin Department of Health Services is required to formally review the operations of all Wisconsin Local Health Departments every five years. The review establishes the health department as a level I, II, or III agency. A level I agency meets the minimum requirements and a level III meets the maximum requirements established for local health departments. As a newly merged department, WOPHD will undergo a 140 Review in 2017 or 2018.

Ozaukee and Washington County Merger

In January 2015 the idea to merge Ozaukee and Washington County Health Departments was proposed to leadership in both counties. The spring of 2015 was spent researching the feasibility and impact a merged department would have on infrastructure, budget and personnel. On July 1, 2015, the Health Officer became shared between Washington and Ozaukee. A new organizational chart, redefined roles, legislative changes and an implementation plan were completed with the intention to fully merge the department in 2016.

2016 Outcomes

- Joint organizational chart and budget approved by Ozaukee and Washington County Boards
- Legislation signed into law in March 2016 to allow payment formula for merger
- Intergovernmental Agreement signed and in place on July 1, 2016
- Awarded a Robert Wood Johnson Foundation Grant to measure the effectiveness of the merger on shared services

Essential Service 10

Research for New Insights and Innovative Solutions to Health Problems

Introduction: Essential Service 10 includes continuous linkage with appropriate institutions of higher learning and research. The Washington Ozaukee Public Health Department continually fosters an environment of life-long learning, embraces evidence based interventions and applies innovative solutions to improve the health of our communities.

Healthy Wisconsin Leadership Institute

The Healthy Wisconsin Leadership Institute provides continuing education and research opportunities to local public health departments in Wisconsin. Their mission is to build public and community health skills and leadership capacity. The Washington Ozaukee Public Health Department has a continued partnership with HWLI.

2016 Outcomes

- WOPHD is represented on the Healthy WI Leadership Institute Advisory Committee

Cultivate Mental Health Model

The Washington Ozaukee Public Health Department, in collaboration with community partners, is developing a mental health friendly community model. This model, Cultivate, is an innovative solution to the challenge our communities face with mental health stigma and services. The model was first introduced in 2016, will be developed in 2017 and piloted in two communities in 2018.